



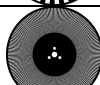












# 300 Series Blades and Reduction Gearing

	Blade	Frequency (Hz)	Frequency With Reduction Gearing (Hz)						
			7.2:1	20:1	32:1	64:1	131:1	199:1	325:1
	300-2 2 slot	2-200	0.3-28	0.1-10	0.06-6.25	0.03-3.13	0.015-1.5	0.010-1.0	0.006-0.615
	300-5 5 slot	5-500	0.7-69	0.3-25	0.16-15.6	0.08-7.81	0.038-3.8	0.025-2.5	0.015-1.54
	300-10 10 slot	10-1000	1.4-139	0.5-50	0.31-31.3	0.16-15.63	0.076-7.6	0.050-5.0	0.031-3.08
	300-30 30 slot	30-3000	4.2-417	1.5-150	0.94-93.8	0.47-46.88	0.229-22.9	0.151-15.1	0.092-9.23
	300-200 200 slot	200-20000	We do not recommend the use of the 200 slot disc with reduction gearing						
	300-445 445 slot	445-44500	We do not recommend the use of the 445 slot disc with reduction gearing						
	300-3/30 3/30 slots	7.5-300 75-3000	1.0-42 10.4-417	0.4-15 3.8-150	0.2-9.4 2.3-93.8	0.12-4.69 1.17-46.88	0.06-2.3 0.57-22.9	0.038-1.5 0.377-15.1	0.031-1.23 0.054-2.15
	300-4/7 4/7 slots	10-400 17.5-700	1.4-56 2.4-97	0.5-20 0.9-35	0.3-12.5 0.6-21.9	0.16-6.25 0.27-10.94	0.08-3.1 0.13-5.3	0.050-2.0 0.088-3.5	0.031-1.23 0.054-2.15
	300-8/60 8/60 slots	20-800 150-6000	2.8-111 20.8-833	1.0-40 7.5-300	0.6-25.0 4.7-187.5	0.31-12.50 2.34-93.75	0.15-6.1 1.2-45.8	0.101-4.0 0.754-30.2	0.062-2.46 0.462-18.5
	300-53/60 53/60 slots	132.5-5300 150-6000	18.4-736 20.8-833	6.6-265 7.5-300	4.1-165.6 4.7-187.5	2.07-82.81 2.34-93.75	1.01-40.5 1.2-45.8	0.666-26.6 0.754-30.2	0.408-16.3 0.462-18.5
	350-2 2 slot	5-400	No gear reduction is available for the miniature discs						
	350-4 4 slot	10-800							
	350-40 40 slot	100-8000							

Custom blades are available.



**Digital Display Notes:** Please note that the LED display included with the 300CD, 320CD, and 350CD choppers displays only frequency to 0.1Hz resolution when set to a 10 second update rate. It is not possible to read 0.01Hz resolution.

**Materials Notes:** The 445 slot disc is manufactured of 0.25mm stainless steel, zinc plated and then blackened.

**Aperture Notes:**

- The 40 slot mini disc limits the chopped beam diameter to 1.0mm.
- The 200 slot disc limits the chopped beam diameter to 0.75mm. However, use of the 300HF-20K High Frequency Accessory enables light beams of up to 22mm diameter to be chopped.
- The 445 slot disc limits the chopped beam diameter to 0.35mm. However, use of the 300HF-44K High Frequency Accessory enables light beams of up to 10mm diameter to be chopped.

**Included Discs**

Model 300C/CD:		
Model 300C OEM:	ONE of:	for additional cost
Model 320C/CD:		
Model 350C/CD:		
Model 350C OEM:	ONE of	
Model 360C/CD:	ONE of	
Model 300HF-20K	as well as fixed mounting plate	
Model 300HF-44K		as well as fixed mounting plate

